

**Display System with Scrolling Color and Wobble Device**

**ABSTRACT**

A display system for displaying an image based upon image data includes an image processing unit configured to define a plurality of sub-frame images including a first sub-frame image and at least a second sub-frame image based upon the image data; a scrolling color device configured to generate a scrolling color light beam comprising a plurality of colors; a spatial light modulator disposed to receive and modulate the scrolling color light beam based upon the plurality of sub-frame images; and a wobbling device configured to cause the sub-frame images to be displayed in an alternating manner such that said first sub-frame image is spatially offset from said second sub-frame image.